

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior revisions, and listings, of claims in the application.

Listing of Claims:

1. *(Currently amended)* An on-line advertising system, comprising:
 - a processor;
 - one or more memories to communicate with the processor, the one or more memories storing database;
 - an advertisement database for maintaining advertisement data of a plurality of advertisements, at least one keyword related to each said advertisement and a category corresponding to each said advertisement;
 - ~~determining a content category for content provided to a user terminal through a communication network via a content classifying system utilizing a predetermined classification algorithm, a content category for classifying said content according to relevant advertising;~~
 - a content database for maintaining at least a content identifier associated with an on-line content and at least a predetermined content category associated with [[a]] said on-line content identifier, where [[a]] said content identifier [[for]] identifying the on-line content provided to a user terminal through a communication network, ~~and where a content category for said content determined via a content classifying system, a said content category for classifying said content according to relevant advertising;~~
 - a keyword database for maintaining a keyword, a similar keyword related thereto and an expansion keyword related to the keyword, wherein the similar keyword being a keyword having a similar meaning to the meaning of said keyword and the expansion keyword representing an upper concept or a lower concept of the keyword;
 - an advertisement data searching unit configured for searching the advertisement database for advertisement data corresponding to the maintained category associated with ~~related to~~ the on-line content to be displayed to a user ~~to be searched;~~
 - an advertisement data selecting unit configured for selecting a portion of advertisement data among the searched advertisement data, based on a predetermined criterion, by using at least one keyword related to the searched advertisement data; and

a display control unit configured for controlling an advertisement associated with the selected advertisement data to be displayed on the user terminal in association with the searched on-line content,

wherein the advertisement data selecting unit comprises:

a keyword searching module configured for searching the on-line content to be displayed to the user for the at least one keyword related to the searched advertisement data;

an exposure point computing module configured for inspecting at least one selected from a group consisting of a number of the searched keywords in the on-line content, positions of the searched keywords on the on-line content and a font style of the searched keywords, the exposure point computing module computing an exposure point for the search advertisement data based on a result of said inspection for the searched keywords; and

an advertisement data selecting module configured for selecting a portion of advertisement data among the searched advertisement data based on the exposure point.

2-6. (Cancelled)

7. (Currently amended) The system as claimed in claim [[2]] 1, wherein the advertisement data selecting module selects the predetermined number of advertisement data of which the exposure point ranks high.

8. (Currently amended) The system as claimed in claim [[2]] 1, wherein the advertisement data selecting module selects predetermined advertisement data from the searched advertisement data on the basis of the exposure point and selects a predetermined number of random advertisement data, during a predetermined period, from the selected advertisement data.

9. (Previously Presented) The system as claimed in claim 8, wherein the advertisement data selecting module sequentially selects a predetermined number of the selected advertisement data during the predetermined period.

10. *(Previously Presented)* The system as claimed in claim 1, wherein the advertisement data selecting unit selects a predetermined number of random advertisement data from the searched advertisement data.

11. *(Previously Presented)* The system as claimed in claim 1, wherein the advertisement data selecting unit sequentially selects the predetermined number of advertisement data during a predetermined period from the searched advertisement data.

12. *(Currently amended)* A computer-implemented on-line advertising method, the method comprising the steps of:

maintaining advertisement data of a plurality of advertisements, at least one keyword related to each said ~~[[the]]~~ advertisement ~~[[data]]~~ and a category corresponding to each said ~~[[the]]~~ advertisement ~~[[data]]~~, in an advertisement database;

determining a content category for an on-line content provided to a user terminal through a communication network via a content classifying system utilizing a predetermined classification algorithm; ~~a content category for classifying said content according to relevant advertising;~~

maintaining ~~a content database in which at least a content identifier and at least a said content category associated with [[a]] said on-line content in a content database, identifier are stored, a~~ the content identifier ~~[[for]]~~ identifying said on-line content ~~provided to a user terminal through a communication network;~~

maintaining in a keyword database a keyword, a similar keyword related thereto and an expansion keyword related to the keyword, wherein the similar keyword being a keyword having a similar meaning to the meaning of said keyword and the expansion keyword representing an upper concept or a lower concept of the keyword;

storing at least one of said databases in a memory;

searching the advertisement database for advertisement data corresponding to the category associated with ~~related to~~ the on-line content to be displayed to a user;

selecting advertisement data among the searched advertisement data, based on a

predetermined criterion, by using at least one keyword related to the searched advertisement data; and

controlling an advertisement associated with the selected advertisement data to be displayed on the user terminal in association with the content, where said steps of determining a content category, searching the advertisement database, selecting advertisement data and controlling an advertisement is performed by a processor,

wherein the step of selecting advertisement data comprises the steps of:

searching the on-line content to be displayed to the user for the at least one keyword related to the searched advertisement data;

inspecting at least one selected from a group consisting of a number of the searched keywords in the on-line content, positions of the searched keywords on the on-line content and a font style of the searched keywords;

computing an exposure point for the search advertisement data based on a result of said inspection for the searched keywords; and

selecting advertisement data from the searched advertisement data based on the exposure point.

13. *(Previously Presented)* The method as claimed in claim 12, wherein the step of maintaining the advertisement database comprises the steps of:

receiving a keyword and advertisement data from an advertiser;

receiving selection of a category for the advertisement data from the advertiser; and

storing the received keyword and the category in association with the advertisement database.

14. *(Original)* The method as claimed in claim 13, wherein the step of receiving selection of a category from the advertiser comprises the steps of:

maintaining categories in a predetermined database;

providing the categories for the advertiser by a directory searching method; and

receiving selection of a predetermined category among the provided categories, from the advertiser.

15-18. (*Canceled*)

19. (*New*) A computer-executable program product tangibly embodied on a computer storage medium that, when executed by one or more processors, causes the one or more processors to perform acts including:

maintaining advertisement data of a plurality of advertisements, at least one keyword related to each said advertisement and a category corresponding to each said advertisement, in an advertisement database;

determining a content category for an on-line content provided to a user terminal through a communication network via a content classifying system utilizing a predetermined classification algorithm;

maintaining a content identifier and said content category associated with said on-line content in a content database, the content identifier identifying said on-line content;

maintaining in a keyword database a keyword, a similar keyword related thereto and an expansion keyword related to the keyword, wherein the similar keyword being a keyword having a similar meaning to the meaning of said keyword and the expansion keyword representing an upper concept or a lower concept of the keyword;

searching the advertisement database for advertisement data corresponding to the category associated with the on-line content to be displayed to a user;

selecting advertisement data among the searched advertisement data, based on a predetermined criterion, by using at least one keyword related to the searched advertisement data; and

controlling an advertisement associated with the selected advertisement data to be displayed on the user terminal in association with the content,

wherein the act of selecting advertisement data comprises the acts of:

searching the on-line content to be displayed to the user for the at least one keyword related to the searched advertisement data;

inspecting at least one selected from a group consisting of a number of the searched keywords in the on-line content, positions of the searched keywords on the on-

line content and a font style of the searched keywords;

computing an exposure point for the search advertisement data based on a result of said inspection for the searched keywords; and

selecting advertisement data from the searched advertisement data based on the exposure point.